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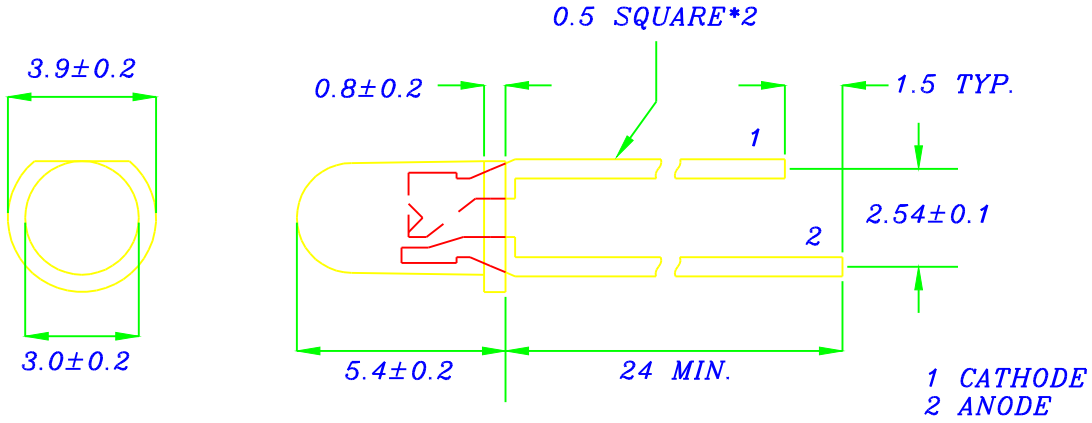

INFRARED LAMP SPECS

PRODUCT MODEL	SLI-0308CP		DRWAWING NO.	DSI-95050401	
CHECKED BY	Eva Chang	DRAWING BY.	Aite Fu	DATE	95,05,04

ABSOLUTE NAXIMUM RATINGS (Ta=25°C)

CHARACTERISTIC	SYMBOL	MAX.	UNIT
POWER DISSIPATION	PO	200	mW
CONTINUOUS FORWARD CURRENT	IF	100	mA
REVERSE VOLTAGE	VR	5	V
PEAK FORWARD CURRENT (300 pps, 1us pulise)	Ipf	1	A
STORAGE TEMPERATURE	Tstg	-20 to +80	°C
OPERATING TEMPERATURE	Topr	-30 to +100	°C
SOLDER TEMPERATURE FOR 3 sec. AT 2 mm FROM THE REFLECTOR EDGE		260	°C

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

CHARACTERISTICS	SYMBOL	CONDITION	TYP.	MAX.	UNIT
FORWARD VOLTAGE	VF	IF=50mA	1.3	1.7	V
REVERSE CURRENT	IR	VR=5V		10	uA
LUMINOUS INTENSITY	IV	IF=50mA	4.0		mW/str
PEAK EMISSION WAVE LENGTH	λP	IF=20mA	940		nm
SPECTRAL LINE HALF WIDTH	$\triangle\lambda$	IF=20mA	100		nm
VIEWING ANGLE	$\triangle\theta$	IF=20mA	±15		Deg
RISE/FALL TIME	Tr/Tf	IF=20mA	30/30		nS